

# Independent review memorandum

## Independent Review of the Greenhouse Gas Inventory 2019 – Celsia S.A.

### Objective

Issue an independent review report of the Greenhouse Gas Inventory (GHG) for Celsia S.A. for the following assets and operations: Medellín, Yumbo and Tolima administrative offices; Thermal Generation: Free Zone (August 2019), Merielectrica, Nuestra Montería Thermal District and Serena del Mar Thermal District; Edge of Water Hydroelectric Generation: Riopiedras, Hidromontañas, Rio Cali I and II, Alto and Bajo Tulua, Amaime, Nima I and II, Rio Frio I and II, Rumor and Cucuana; the Alto and Bajo reservoirs Anchicayá, Calima, Hidroprado, Salvajina; Solar generation: Celsia Solar Yumbo and Bolívar; Transmission and distribution.

### Responsibilities of the Management of Celsia S.A. and Deloitte

The preparation of the 2019 GHG Inventory, which includes the period from January 1 to December 31, as well as the content thereof, is the responsibility of the Company, which is also responsible for defining, adapting and maintaining the management systems and internal control from which information obtained.

Our responsibility is to issue an independent report based on the procedures applied and previously agreed for our review.

This Report has been prepared exclusively in the interest of the Company in accordance with the terms of our service proposal. We do not assume any responsibility towards third parties other than the Company's Management.

We have carried out our work in accordance with the independence standards required by the Code of Ethics of the International Federation of Accountants (IFAC).

The scope of an independent review is substantially less than that of an audit. Therefore, we do not provide an audit opinion on the GHG Inventory.

### Scope of our work

- Deloitte has requested to verify the Inventory of Greenhouse Gases of the assets and related operations previously corresponding to the period from January to December 2019.
- The environmental team that includes information on the fuel consumption of its fixed and mobile operations, fugitive emissions and electricity consumption provided the information.
- Personnel under ISO 14064-1 carried out the emission calculation: 2006.
- The verification process of the Greenhouse Gas Inventory covered the direct (scope 1) and indirect (scope 2) emissions defined by the Company in accordance with ISO 14064.
- The emissions recorded in the period from January 1 to December 31, 2019 correspond to 347,549.87 tons of CO<sub>2</sub> equivalent direct and 67,522.60 tons of CO<sub>2</sub> equivalent indirect.

### Standards and review processes

We have carried out our work in accordance with ISAE 3000 - International Standard on Assurance Engagements Other than Audits or Reviews of Historical Financial Information issued by the International Auditing and Assurance Standard Board (IAASB) of the International Federation of Accounts (IFAC).

Our review work has consisted of asking questions to the environmental team, as well as to the different areas and subsidiaries that have participated in the preparation of the 2019 GHG Inventory and in the application of certain analytical procedures and sample review tests that They described below:

- Interviews with the collaborators of the corporate, to know the principles, systems and management approaches applied to prepare the Report.
- Analysis of the processes to collect and validate the data presented in the Report.
- Analysis of the organizational limits of the measurement of the Carbon Footprint, including the analysis of direct (scope 1) and indirect (scope 2) emissions associated with the quantification of Greenhouse Gas emissions.
- Review of the calculation methodology, including the analysis of emission sources.
- Verification, through verification tests based on the selection of representative samples of the quantitative and qualitative information, of the information used in the calculation process associated with the Greenhouse Gas Inventory.

## Conclusions

- No aspect has revealed that would lead us to believe that the carbon footprint quantification has not been prepared in accordance with ISO 14064-1.
- No aspect has revealed that would lead us to believe that the information provided about the carbon footprint during the period between January 1, 2019 and December 31, 2019, contains significant errors.

## Alternative lines of actions

Deloitte has provided Celsia S.A. a report with the most significant action alternatives for the future preparation of the GHG Report, which do not modify the conclusions expressed in this report, and a series of observations that will strengthen the consolidation, management, measurement and communication processes.

## Declaration of Independence

We confirm our independence from Celsia S.A.. All of our employees carry out annual updates to the Ethics Policy where we promptly declare that we have no conflicts of interest with Celsia S.A., its subsidiaries and its stakeholders.



## Deloitte Asesores y Consultores.

**Jorge Enrique Múnera D.**

Partner

Medellín, april 2020

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